



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/023,806	12/21/2001	Rainer Bader	Q67631	4483
7590	08/08/2005		EXAMINER	
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Washington, DC 20037-3213			HAROLD, JEFFEREY F	
			ART UNIT	PAPER NUMBER
			2646	
DATE MAILED: 08/08/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/023,806	BADER, RAINER
	Examiner	Art Unit
	Jefferey F. Harold	2646

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 22 March 2005.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-10 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-10 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____

5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. **Claims 1-3 and 6-10** are rejected under 35 U.S.C. 102(b) as being anticipated by Pedigo (United States Patent 4,701,945).

Regarding **claim 1**, Pedigo discloses a carrier current transceiver. In addition, Pedigo discloses a facility for an end customer for generating a connection between a telecommunications network of a network operator and an in-house power supply network of the end customer for transmitting via the in-house power supply network of the end customer and through a socket of the in-house power supply network, telecommunications signals to be reproduced by the end customer, as disclosed at column 2, lines 17-64 and exhibited in figures 1-4.

Regarding **claim 2**, Pedigo discloses everything claimed as applied above (see claim 1), in addition Pedigo discloses wherein the facility comprises a filter for forwarding telecommunications signals and for blocking direct-current signals and the filter is connected between the telecommunications network and the in-house power supply network, as disclosed at column 5, line 39 through column 6, line 48 and exhibited in figures 5 and 6.

Regarding **claim 3**, Pedigo discloses everything claimed as applied above (see claim 1), in addition Pedigo discloses wherein the facility comprises a filter for blocking telecommunications signals and for forwarding alternating-current signals and the filter is connected between the in-house power supply network of the end customer and a power supply network of a power network operator, as disclosed at column 5, line 39 through column 6, line 48 and exhibited in figures 5 and 6.

Regarding **claim 6**, Pedigo discloses everything claimed as applied above (see claim 1), in addition Pedigo discloses wherein the facility is desired as a fuse box (breaker box 13) with an interface to the telecommunications network or as a network termination or telecommunications exchange with a telecommunications interface to the in-house power supply network of the end, as disclosed at column 2, lines 17-64 and exhibited in figures 1-4.

Regarding **claim 7-10**, they are interpreted and thus rejected for the reasons set forth above in the rejection of claims 1-6.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. ***Claims 4 and 5*** are rejected under 35 U.S.C. 103(a) as being unpatentable over Pedigo in view of well known prior art (MPEP 2144.03).

Regarding **claim 4**, Pedigo discloses everything claimed as applied above (see claim 2), in addition Pedigo discloses wherein the filter is bandpass filter with a lower limiting frequency, as disclosed at column 5, line 39 through column 6, line 48 and exhibited in figures 5 and 6, however, Pedigo fails to disclose a frequency range from 50 Hz to 70 Hz. However, the examiner takes official notice of the fact that it was well known in the art to provide disclose a frequency range from 50 Hz to 70 Hz.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Pedigo by specifically providing disclose a frequency range from 50 Hz to 70 Hz, for the purpose of reducing undesired spectral components.

Regarding **claim 5**, Pedigo discloses everything claimed as applied above (see claim 3), in addition Pedigo discloses wherein the filter is bandpass filter with a lower limiting frequency, as disclosed at column 5, line 39 through column 6, line 48 and exhibited in figures 5 and 6, however, Pedigo fails to disclose a frequency range from 50 Hz to 70 Hz. However, the examiner takes official notice of the fact that it was well known in the art to provide disclose a frequency range from 50 Hz to 70 Hz.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Pedigo by specifically providing disclose a frequency range from 50 Hz to 70 Hz, for the purpose of reducing undesired spectral components.

Response to Arguments

3. Applicant's arguments with respect to claims 1-10 have been considered but are moot in view of the new ground(s) of rejection.

Citation of Pertinent Art

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Brown et al. (United States Patent 4,495,386) discloses a telephone extension system utilizing power line carrier signals.

Bartholomew et al. (United States Patent 5,911,119) discloses a secure cordless telephone extension system and method.

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

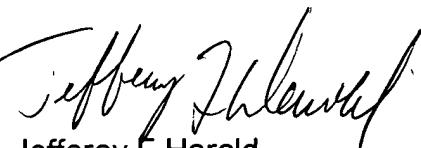
A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jefferey F. Harold whose telephone number is 571-272-7519. The examiner can normally be reached on Monday - Friday 9 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh H. Tran can be reached on 571-272-7564. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Jefferey F Harold
Primary Examiner
Art Unit 2646


JFH
August 3, 2005